

# HERCULES SecSAM Security Assessment Management System for OSS

HERCULES SecSAM is a Security Assessment Management platform that can effectively solve open-source software(OSS) risk control and Software Bill of Materials (SBOM) management and other complex issues. Utilizing Cybersecurity Bill of Materials (CBOM) as the technical framework for risk assessment, it integrates the third-party software vulnerability reports (such as source code scanning and vulnerability scanning report), the CI/CD tool that interfaces with the problem tracking management system, and allows users to manage, track, and warn, in a more flexible and convenient way on the basis of secure development.



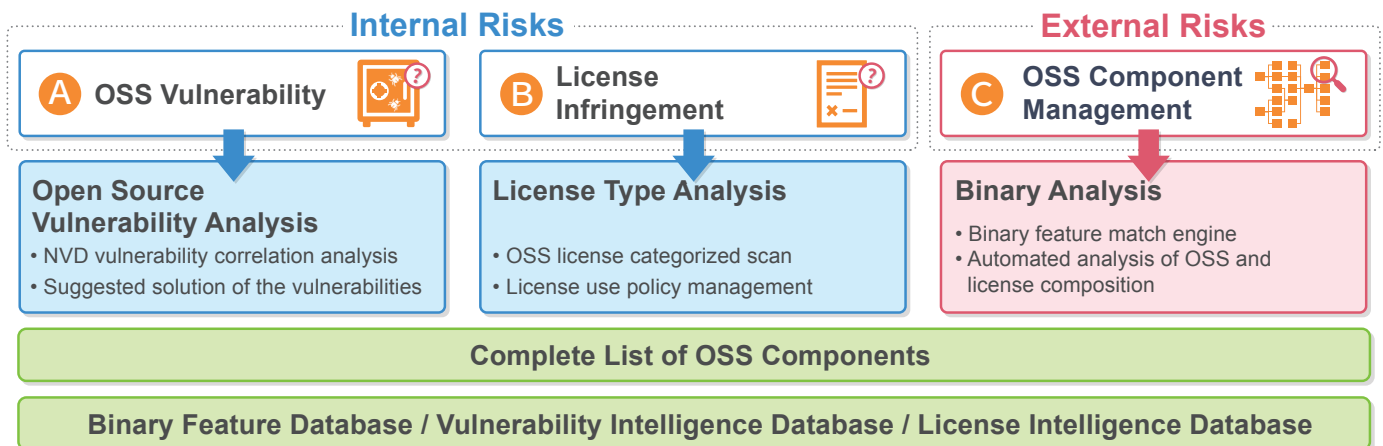
## Features

- **Manage Vulnerability Risk Rating Based on SBOM and CBOM structure:**  
Through the establishment and maintenance of SBOM, analysis of CVE, daily automatic update of vulnerability information, vulnerability report management, and tracking mechanism to effectively monitor the vulnerabilities of products and open-source suites to achieve complete CBOM management.
- **Easily analyze OSS components without source code:**  
Through firmware analysis (Firmware Analysis/Binary Analysis) technology, SecSAM analyzes the firmware provided by the 3rd party vendor without source code, supports CPE standard format, and discovers the OSS composition of the product.
- **Support OSS and 3rd party suite license analysis:**  
Automated analysis of OSS license mode, such as GPL, Apache, LGPL, and more, SecSAM helps customers avoid license disputes.
- **Improve efficiency of vulnerability fix with CI/CD integration:**  
SecSAM can Integrate with the current development and management system and tool to perfect CI/CD procedure.

## Benefits

- **Easily create SBOMs:**  
By utilizing automation technology to analyze the composition of OSS in software, SecSAM creates the basis of risk management and improves the security of software supply chain.
- **Quickly investigate and resolve vulnerabilities:**  
Through CBOM, SecSAM manages and tracks vulnerabilities in the stages of development, testing, and maintenance, and integrates CI/CD development tools to facilitate instant resolution.
- **Avoid intellectual property disputes:**  
SecSAM's open source license analysis can check the license mode of OSS components to avoid affecting the interests of corporate intellectual property rights.
- **Comply with global IoT security standards:**  
By adopting the global standard for IoT security, ioXt Likelihood to assess product risks rating. SecSAM complies with international standard requirements and master product risks.

## Solution of OSS Risks



## Specification

Function	Description	Development Team Ver.	Commercial Cloud Ver.	Corporate Cloud Ver.	On-Premise Ver.
<b>OSS Management</b>	Supporting CPE, 3rd party test report importing to manage OSS component list.	5 accounts including up to 100 components management	15 accounts including up to 500 components management	50 accounts with unlimited component quantity of management	Unlimited account and component quantity of management
<b>OSS Vulnerability Analysis</b>	Daily scanning the latest CVE and automated analyzing risk severity level.	Y	Y	Y	Y
<b>Product Risk Management</b>	Supporting cybersecurity test report importing, and integrated with issue tracking management system and vulnerability tracking and management.	Y	Y	Y	Y
<b>Vulnerability Database</b>	Synchronizing over 15,000 CVE vulnerabilities, 20,000 vendors, and 500,000 product information.	Y	Y	Y	Y
<b>Firmware Analysis</b>	Automated analyzing firmware files, checking the license and CVE from OSS suite.	Optional	Optional	Y	Y
<b>Event Database</b>	Proactively monitoring over 70 cybersecurity intelligence sources which can also be increased.				Y
<b>Incident Management and Notification</b>	Analyzing the correlation between product and cybersecurity events for instant notifying security incidents.				Y
<b>Exclusive Database</b>	Providing customer exclusive database.				Y
<b>ioXt Likelihood Analysis</b>	Adopting ioXt alliance vulnerability assessment algorithm to help customers analyze product risk rating.	Optional	Optional	Optional	Optional

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